



Part 70 Air Quality Permit

Fibertech Columns, Inc.
250 S. Depot Street
Pendleton, SC 29670
(permit updated 10/27/2005)

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a), and the 1976 Code of Laws of South Carolina, as amended, Regulation 61-62, the above named permittee is hereby granted permission to discharge air contaminants into the ambient air. The Bureau of Air Quality authorizes the operation of this facility and its applicable equipment specified herein in accordance with the plans, specifications and other information submitted in the Title V permit application dated March 31, 2003, including amendments submitted on September 22, 2003.

This permit is subject to and conditioned upon the terms, limitations, standards, and schedules contained in or specified on the 21 pages, with the accompanying attachments, of this permit.

Permit Number: TV-0200-0095
Issue Date: August 9, 2004

Effective Date: October 1, 2004
Expiration Date: September 30, 2009

Director, Engineering Services Division
Bureau of Air Quality

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RECORD OF REVISIONS			
Revision Number	Final Revision Date	Type of Revision (AA, 502(b)(10), MM, SM)	Description of Change (Specific Parts, Sections, and Tables Revised or Added)
1	9/27/05	AA	Updated condition 4.B.6 to be consistent with CERR
2	10/27/05	AA	Changed name to Fibertech Columns, Inc. on every page of permit. Updated mailing address on page 5.
3		MM	Language added to reflect operational flexibility to replace Unit IDs 01 and 02, in whole or part, as necessary. See Section 7.0(B).

AA = Administrative Amendment

502(b)(10) = Operational Flexibility

MM = Minor Modification

SM = Significant Modification

Send copies of all revisions to Permit File, Main File, District EQC Office, US EPA, and Facility Contact.

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PART 1.0 GENERAL INFORMATION

A. APPLICABLE PERMIT DATES

ISSUE DATE	: August 9, 2004
EFFECTIVE DATE	: October 1, 2004
EXPIRATION DATE	: September 30, 2009
RENEWAL APPLICATION DUE	: March 30, 2009

B. FACILITY INFORMATION

ENVIRONMENTAL CONTACT	: Mr. John F. Wilson
CONTACT TELEPHONE NUMBER	: (864)646-3800
INTERNET E-MAIL ADDRESS	: jwilson@fibertech.net
FACILITY LOCATION	: 250 S. Depot Street - Pendleton
COUNTY	: Anderson
SIC CODE(S)	: 3089
AFS CODE	: 4500700095

C. FACILITY ADDRESS

FACILITY NAME	: Fibertech Columns, Inc.
ADDRESS	: 250 S. Depot Street
CITY, STATE, ZIP	: Pendleton, SC 29670

D. FACILITY BILLING ADDRESS

FACILITY BILLING NAME	: Fibertech Columns, Inc.
ADDRESS	: P.O. Box 865
CITY, STATE, ZIP	: Central, SC 29630

PART 2.0 APPLICABILITY [SC Regulation 61-62.70.3(a)]

The following sources are subject to permitting requirements of Part 70:

1. Any major source;
2. Any source, including an area source, subject to a standard, limitation, or other requirement under Section 111 of the Clean Air Act (Act);
3. Any source, including an area source, subject to a standard or other requirement under Section 112 of the Act, except that a source is not required to obtain a permit solely because it is subject to regulations or requirements under Section 112(r) of the Act;
4. Any affected source under the Title IV Acid Rain Program;
5. Any source in a source category designated by the Administrator of the US Environmental Protection Agency (US EPA) (Administrator) pursuant to this Section; and
6. Any source listed in SC Regulation 61-62.70.3(a) that is exempt from the requirement to obtain a permit under SC Regulation 61-62.70.3(b) may opt to apply for a permit under this Part 70 program.

The following source categories are exempted from the obligation to obtain a Part 70 permit, but are not exempted from other SC Department of Health and Environmental Control (Department) and US EPA requirements [SC Regulation 61-62.70.3(b)(4)]:

1. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 60, Subpart AAA - Standards of Performance for New Residential Wood Heaters; and
2. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 61, Subpart M - National Emission Standard for Hazardous Air Pollutants for Asbestos, Section 61.145, Standard for Demolition and Renovation.

Any person that operates or proposes to operate a particular source or installation may submit a request in writing that the Department makes a determination as to whether a particular source or installation is subject to the permit requirements of this regulation. The request must contain such information as is believed sufficient for the Department to make the requested determination. [SC Regulation 61-62.70.3(e)]

PART 3.0 GENERAL CONDITIONS

This section describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5.0 of this permit. (Revised 05/21/99)

A. PERMIT ISSUANCE [SC Regulation 61-62.70.7(a)(1)]

A permit, permit modification, or renewal may be issued only if the following conditions have been met:

1. The Department has received a complete application for a permit, permit modification, or permit renewal;
2. Except for modifications qualifying for minor permit modification procedures under SC Regulation 61-62.70.7(e)(2) and (3), the Department has complied with the requirements for public participation under SC Regulation 61-62.70.7(h);
3. The Department has complied with the requirements for notifying and responding to affected States under SC Regulation 61-62.70.8(b);
4. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Part 70; and
5. The Administrator has received a copy of the proposed permit and any notices required under SC Regulation 61-62.70.8(a) and (b), and has not objected to issuance of the permit under SC Regulation 61-62.70.8(c) within the required time frame.

A Title V operating permit does not excuse any facility from the preconstruction permitting requirements under SC Regulation 61-62.1.

B. PERMIT EXPIRATION AND RENEWAL [SC Regulation 61-62.70.7(c)] (Revised 11/13/98)

Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with SC Regulation 61-62.70.5(a)(1)(iii), 61-62.70.5(a)(2)(iv), and 61-62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to SC Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.

Permits being renewed are subject to the same procedural requirements, including those for public participation, affected State and US EPA review, that apply to initial permit issuance.

C. SEVERABILITY [SC Regulation 61-62.70.6(a)(5)]

The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

D. FEE ASSESSMENT AND PAYMENT [SC Regulation 61-62.70.6(a)(7)]

The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to SC Regulation 61-62.70.9.

E. SUBMITTAL OF INFORMATION [SC Regulation 61-62.70.6(a)(6)(v)]

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request, in writing, to determine whether cause exists for modifying, revoking, reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the permittee furnish such records directly to the Administrator along with a claim of confidentiality.

F. PUBLIC PARTICIPATION [SC Regulation 61-62.70.7(h)]

Except for modifications qualifying for minor permit modification procedures, all permit proceedings, including initial permit issuance, significant modifications, and renewals, shall provide adequate procedures for public notice including offering an opportunity for public comment and hearing on the draft permit. These procedures shall meet all requirements of SC Regulation 61-62.70.7(h).

G. PERMIT REOPENING [SC Regulation 61-62.70.7(f)] (Revised 05/21/99)

This permit shall be reopened and revised under any of the following circumstances:

1. Additional applicable requirements under the Act become applicable to a major Part 70 source for which three or more years remain on the original term of the permit. Such revisions shall be made not later than eighteen (18) months following promulgation of relevant standards or regulations unless the regulation specifically provides for a longer compliance period. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to SC Regulation 61-62.70.7(c)(1)(ii).

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2. Additional requirements, including excess emission requirements, become applicable to an affected source under the acid rain program. Excess emissions offset plans shall be deemed to be incorporated into this permit upon approval by the Administrator.
3. The Department or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
4. The Administrator or the Department determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

In addition, the permit may be modified, revoked, reopened, and reissued, or terminated for cause by the Department. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [SC Regulation 61-62.70.6(a)(6)(iii)]

Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopenings shall be as expeditious as practicable. Reopenings shall not be initiated before a notice of such intent is provided to the Part 70 source by the Department at least thirty (30) days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

H. TEMPORARY SOURCES [SC Regulation 61-62.70.6(e)]

In accordance with SC Regulation 61-62.70.6(e), the Department may issue a single permit authorizing emissions from similar operations by the same source owner or operator at multiple temporary locations. The operation must be temporary and involve at least one change in location during the term of the permit. No sources subject to Title IV of the Act shall be permitted as a temporary source.

I. EMERGENCY PROVISIONS [SC Regulation 61-62.70.6(g)(3)] (Revised 05/21/99)

In the case of an emergency, as defined in SC Regulation 61-62.70.6(g), the permittee shall verify an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:

1. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
2. The permitted facility was at the time being properly operated; and
3. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.;

Additionally, the permittee shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of SC Regulation 61-62.70.6(a)(3)(iii)(B). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

J. PROPERTY RIGHTS [SC Regulation 61-62.70.6(a)(6)(iv)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

K. ECONOMIC INCENTIVES, MARKETABLE PERMITS, EMISSION TRADING [SC Regulation 61-62.70.6(a)(8)]

No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

L. TITLE IV SOURCES [SC Regulation 61-62.70.6(a)(4)]

The permittee is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense for noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.

Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator. [SC Regulation 61-62.70.6(a)(1)(ii)]

M. ADMINISTRATIVE PERMIT AMENDMENTS [SC Regulation 61-62.70.7(d)(3)]

An administrative permit amendment as defined in SC Regulation 61-62.70.7(d) can be made by the Department consistent with the following:

1. The Department shall take no more than sixty (60) days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected States provided that it designates any such permit revisions as having been made pursuant to this paragraph.
2. The Department shall submit a copy of the revised permit to the Administrator.
3. The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request, except transfer/ownership which must comply with SC Regulation 61-62.1, Section II(E).

N. MINOR PERMIT MODIFICATIONS [SC Regulation 61-62.70.7(e)(2)]

Minor permit modifications can be made by the Department in accordance with SC Regulation 61-62.70.7(e)(2)(i). An application requesting the use of minor permit modification procedures shall meet the requirements of SC Regulation 61-62.70.5(c) and shall include items as specified in SC Regulation 61-62.70.7(e)(2)(ii).

The Department may modify the procedure outlined in SC Regulation 61-62.70.7(e)(2) to process groups of a source's applications for certain modifications eligible for minor permit modification processing. Group processing of minor permit applications will proceed as outlined in SC Regulation 61-62.70.7(e)(3).

O. SIGNIFICANT MODIFICATION PROCEDURES [SC Regulation 61-62.70.7(e)(4)]

Significant permit modification procedures shall be used for applications requesting permit modifications listed in SC Regulation 61-62.70.7(e)(4)(i). Significant permit modifications shall meet all requirements of this Part 70, including those for applications, public participation, review by affected States, and review by EPA, as they apply to permit issuance and permit renewal.

P. DUTY TO COMPLY [SC Regulation 61-62.70.6(a)(6)(i)]

The permittee must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the SC Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.

Q. INSPECTION AND ENTRY [SC Regulation 61-62.70.6(c)(2)]

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

1. Enter upon the permittee's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.
3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
4. As authorized by the Act and/or the SC Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

R. COMPLIANCE REQUIREMENTS [SC Regulation 61-62.70.6(c)(5)] (Revised 05/21/99)

Consistent with SC Regulation 61-62.70.6(a)(3), this permit contains compliance certification, testing, monitoring, reporting, and record keeping requirements sufficient to assure compliance with the terms and conditions of this permit. Any document (including reports) shall contain a certification by a responsible official or designee that meets the requirements of SC Regulation 61-62.70.5(d).

The responsible official or designee shall certify, annually, compliance with the conditions of this permit. The compliance certification shall include the following:

1. The identification of each term or condition of the permit that is the basis of the certification.
2. The identification of the methods or means used for determining the compliance status with each term and condition during the certification period, and whether such methods or means provide continuous or intermittent data.
3. The status of compliance with the terms and conditions of the permit for the period covered by the certification.
4. Such other facts as the Department may require to determine the compliance status of the source.
5. All compliance certifications shall be submitted to the Administrator as well as to the Department.

The annual compliance certification shall be sent to the Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control - Bureau of Air Quality (SC DHEC - BAQ) at the following addresses:

**US EPA, Region 4
Air Enforcement Branch
61 Forsyth Street
Atlanta, GA 30303**

**SC DHEC - BAQ
Technical Management Section
2600 Bull Street
Columbia, SC 29201**

S. SCHEDULE OF COMPLIANCE [SC Regulation 61-62.70.5(c)(8)] (Revised 5/21/99)

The permittee shall submit a compliance schedule that contains the following for all Part 70 sources that are not in compliance with all applicable rules:

1. A description of the source's compliance status and where appropriate a compliance schedule with respect to all applicable requirements as follows:
 - (a) For applicable requirements with which the source is in compliance, a statement that during the permit term the source will continue to comply with such requirements.
 - (b) For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis, unless a more detailed schedule is expressly required by the applicable requirement.
 - (c) A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. This schedule shall include a narrative description of how the source will achieve compliance, a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with all applicable requirements. This compliance schedule shall be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.
2. A schedule for submission of certified progress reports no less frequently than every six (6) months for sources required to have a schedule of compliance to remedy a violation. Progress reports shall meet the requirements of SC Regulation 61-62.70.6(c)(4)(i) and (ii).
3. The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under Title IV of the act with regard to the schedule and method(s) the source will use to achieve compliance with acid rain emissions limitations.

T. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE

[SC Regulation 61-62.70.6(a)(6)(ii)]

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

U. OPERATIONAL FLEXIBILITY [SC Regulation 61-62.70.7(e)(5)]

In accordance with SC Regulation 61-62.70.7(e)(5), a permitted facility is authorized to make changes within their facility without requiring a permit revision, if the changes are not modifications under Title I of the Act and the changes do not exceed the emissions allowable under this permit. The permitted facility shall provide the Administrator and the Department written notification as required by SC Regulation 61-62.70.7(e)(5) at least seven (7) days prior to such changes.

PART 4.0 FACILITY WIDE REQUIREMENTS**A. EMISSIONS LIMITS AND STANDARDS**

Table 4.1 contains summaries of facility wide emission limits and standards.

TABLE 4.1 EMISSION LIMITS AND STANDARDS				
Pollutant	Limit/Standard	Regulation	State Only Requirement	Condition Number
State New Source Review	As Specified in Attachment A	SC Regulation 61-62.1, Section II(A)	Yes	4.B.2 4.B.3
Toxic Air Pollutants	As Specified in Attachment A	SC Regulation 61-62.5, Standard No. 8	Yes	4.B.3
Hazardous Air Pollution	Comply with Regulation	SC Regulation 61-62.4	No	N/A
Open Burning	Comply With Regulation	SC Regulation 61-62.2	No	N/A
Fugitive Emissions	Comply With Regulation	SC Regulation 61-62.6, Section III	No	N/A
Ozone Depleting Substances	*	40 CFR Part 82, Subpart F	No	4.B.7
Asbestos	*	40 CFR Part 61.145	No	4.B.8
Hazardous Air Pollutants (HAPs)	As specified in the Regulation	40CFR63, Subpart WWW-National Emission Standards For Hazardous Air Pollutants For Reinforced Plastic Composites Production and Subpart A	No	4.B.9

N/A = Not Applicable

* Specific To Subpart

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The maximum allowable emission limits above are derived from the various Federal and State regulations that govern the operation of this type of facility. All applicable facility wide emission limits and corresponding regulations are listed above. Additional operating requirements which may be more stringent than those above are contained in Part 5.0, Part 6.0, and Part 7.0 of this permit.

B. FACILITY WIDE CONDITIONS (Revised 11/13/98)

Condition Number	Condition
4.B.1	In accordance with SC Regulation 61-62.1, Section II, the permittee must comply with all applicable statutes and regulations of the United States and the State of South Carolina. This permit does not relieve the permittee from compliance with applicable local laws, ordinances, and regulations.
4.B.2	Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal standard. Any changes in the parameters used in the air dispersion modeling may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment A of this permit. Higher emission rates may be administratively incorporated into Attachment A of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.
4.B.3	The owner/operator shall maintain this facility in compliance with the pollutant limitations in Part 4, Part 5, Part 6, Part 7, and/or the emission rates as listed in Attachment A of this Part 70 operating permit, whichever is more restrictive. This is a State Only enforceable requirement. Should the facility wish to increase the emission rates listed in Attachment A, it may do so by the administrative process specified in condition 4.B.2
4.B.4	A list of equipment which are considered insignificant pursuant to SC Regulation 61-62.70.5(c) has been submitted with your Title V application and reviewed by our staff. The list, including source descriptions and citation for exemption, is summarized in Attachment B of the permit. Attachment B excludes those activities identified in Part A of the insignificant activities list. Written notification to the Bureau of Air Quality is required for the addition of any new equipment which may meet the definition of insignificant or exempt as described above, excluding those sources listed in Part A of the insignificant activities list. (Revised 11/13/98)
4.B.5	In accordance with SC Regulation 61-62.1 Section II(C)(3), for all sources not required to have continuous emissions monitors, in the event of any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the local Environmental Quality Control (EQC) District office within twenty-four (24) hours after the beginning of the occurrence. The permittee shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ). The report shall contain as a minimum, the following: the identity of the emission unit and associated equipment where excess emissions occurred, the magnitude of excess emissions, the time and duration of excess emissions, the steps taken to remedy the malfunction and to prevent a recurrence, documentation that control equipment and processes were at all times maintained and operated, to the maximum extent practicable, in a manner that was consistent with good practice for minimizing emissions. Such a report shall in no way serve to excuse, otherwise justify, or in any manner affect any potential liability or enforcement action resulting from the occurrence. This defines the Department's definition of prompt in its relation to the degree of reporting as specified by SC Regulation 61-62.70.6(a)(3)(iii)(b).

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Condition Number	Condition
4.B.6	The owners or operators of Part 70 sources shall complete and submit emissions inventories as required consistent with the schedule approved pursuant to SC Regulation 61-62.1, Section III. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
4.B.7	The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the permittee performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the permittee is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
4.B.8	The permittee shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145 and SC Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
4.B.9	This facility is subject to the provisions of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and WWWW, National Emissions Standards For Hazardous Air Pollutants: Reinforced Plastic Composites Production. Existing affected sources shall comply with the applicable provisions of Subparts A and WWWW no later than April 21, 2006 unless otherwise amended by the US EPA or noted in the Subparts for any specific provisions (40 CFR 63.5785). Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted for any specific provisions (40 CFR 63.5785). The permit shall be open prior to the compliance date to incorporate the provisions of 40 CFR 63, Subparts A and WWWW, as defined in SC Regulation 61-62.70.

(page updated 9/27/05)

PART 5.0 EMISSION UNIT REQUIREMENTS

A. EMISSION UNIT DESCRIPTION

Table 5.1 is a description of emission units located at this facility.

TABLE 5.1 EMISSION UNITS		
Unit ID	Unit Description	Control Device Description
01	Resin Chopper Guns	Filter
02	Gelcoat Spray Gun	Filter
03	Paint Booth	Filter

B. CONTROL DEVICE DESCRIPTION

Table 5.2 is a description of control devices located at this facility.

TABLE 5.2 CONTROL DEVICES			
Control Device ID	Control Device Description	Installation Date	Pollutant(s) Controlled
CBF	Filter	1993	PM/PM ₁₀
GBF	Filter	1994	PM/PM ₁₀
PBF	Filter	April 2003	PM/PM ₁₀

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C. EQUIPMENT DESCRIPTION

A description of the equipment located at this facility is provided in the following tables:

TABLE 5.3 UNIT ID 01 - Resin Chopper Guns				
Equip ID	Equipment Description	Installation Date	Control Device ID	Stack ID
RCG	(2) Resin Chopper Guns (non-atomized flowcoaters) Note: Guns were changed from atomized to non-atomized in 2003.	1993	CBF	Fan #1

TABLE 5.4 UNIT ID 02 - Gelcoat Spray Gun				
Equip ID	Equipment Description	Installation Date	Control Device ID	Stack ID
GSG	(1) Gelcoat Spray Gun (atomized)	1994	GBF	Fan #2

TABLE 5.5 UNIT ID 03 - Paint Booth				
Equip ID	Equipment Description	Installation Date	Control Device ID	Stack ID
PB1	Paint Booth	April 2003	PBF	PB-1

D. EMISSION LIMITS AND STANDARDS

Table 5.6 contains summaries of emission unit emission limits and standards.

TABLE 5.6 EMISSION LIMITS AND STANDARDS						
Unit ID	Pollutant/ Standard	Limit	Reference Method	Regulation	State Only	Condition Number
01	Opacity	20% (each)	Method 9	SC Regulation 61-62.5, Standard 4, Section IX	No	5.E.1
02	Opacity	20%	Method 9	SC Regulation 61-62.5, Standard 4, Section IX	No	5.E.1
02	PM	0.62 lb/hr	Method 5	SC Regulation 61-62.5, Standard 4, Section VIII	No	5.E.2
03	Opacity	20%	Method 9	SC Regulation 61-62.5, Standard 4, Section IX	No	5.E.1
03	PM	0.14 lb/hr	Method 5	SC Regulation 61-62.5, Standard 4, Section VIII	No	5.E.2

The maximum allowable emission limits above are derived from the various Federal and State regulations that govern the operation of this type of source. All applicable facility wide emission limits and corresponding regulations are listed above. Additional operating requirements which may be more stringent than those above are contained in Part 4.0, Part 6.0, and Part 7.0 of this permit.

E. EMISSION UNIT CONDITIONS

Condition Number	Conditions									
5.E.1	In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.									
5.E.2	<p>In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, each unit's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table><tr><th>Process</th><th>Emission Limit (lbs/hr)</th><th>Process Weight Rate (tons/hr)</th></tr><tr><td>02</td><td>0.62</td><td>0.06</td></tr><tr><td>03</td><td>0.14</td><td>0.00669</td></tr></table>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	02	0.62	0.06	03	0.14	0.00669
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)								
02	0.62	0.06								
03	0.14	0.00669								

PART 6.0 MONITORING AND REPORTING REQUIREMENTS

[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

A. MONITORING AND REPORTING

Table 6.1 contains summaries of the monitoring and reporting required of this facility.

TABLE 6.1 MONITORING AND REPORTING						
Unit ID	Pollutant/Parameter	Limit	Required Monitoring	Monitoring Frequency	Reporting Frequency	Condition Number
02	Visual Inspections	As Specified	Record keeping	Daily	Semi-annual	6.B.1
02-03	Filter Maintenance	As Specified	Record keeping	Daily	Semi-annual	6.B.2
Facility-wide	VOC	99 tpy*	Record keeping	Monthly	Semi-annual	6.B.3, 6.B.4
Facility-wide	Styrene Emissions	480 lb/day	Record keeping	Daily	Semi-annual	6.B.5

* 12 month rolling sum.

Fibertech Columns, Inc.**TV-0200-0095****Page 19 of 21**

(permit updated 10/27/2005)

B. MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
6.B.1	<p>The permittee shall perform a visual inspection on a daily basis when equipment or processes controlled by filter(s) are operating. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The logs shall be maintained for a period of five (5) years and be made available to the Department upon request. The owner/operator shall submit semi-annual summary reports of log readings, with detailed information of any abnormal emissions, to the Manager of the Technical Management Section, Bureau of Air Quality postmarked no later than 30 calendar days after the end of the reporting period.</p>
6.B.2	<p>Dry filter(s) shall be operational and in place at all times when equipment or processes controlled by filter(s) are operating. A schedule shall be implemented for the daily inspection when equipment or processes controlled by filter(s) are operating and regular cleaning or replacement of the dry filter(s). Records of these events shall be entered in a permanent media and maintained on site for a period of at least five (5) years from the date of record and made available to Department representatives upon request. Semi-annual reports of these events shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality postmarked no later than 30 days after the end of the reporting period. If no incidences occurred during the reporting period then a letter shall indicate such.</p> <p>Any alternative method for monitoring baghouse performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.70.7.</p>
6.B.3	<p>The owner/operator shall maintain consumption records of all process-related materials containing volatile organic compounds (VOC) and hazardous air pollutants (HAP). These records shall include the total amount of each material used, the VOC content in percent by weight of each material, and the HAP content in percent by weight. VOC and HAP emissions shall be calculated on a monthly basis, and a twelve month rolling sum shall be calculated for total VOC and HAP emissions. The twelve month rolling sum shall not exceed 99 tons of VOC facility-wide. The owner/operator shall maintain all records, including material purchase orders, invoices, and material data sheets, etc. for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Semi-annual reports including material usage, VOC and HAP content, and VOC and HAP emissions shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality postmarked no later than 30 calendar days after the end of the reporting period. An algorithm, including example calculations and emission factors, explaining the method used to determine HAP and VOC rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p>
6.B.4	<p>The "Net Volatile Organic Compound (VOC) Emissions Increase" from this facility shall not exceed 100 tons since July 1, 1979. The "Net VOC Emissions Increase" includes any increases and decreases in the actual VOC emissions at the facility that have occurred since July 1, 1979 and are otherwise creditable. Increases in the VOC emissions from these existing sources may be subject to the applicability requirements of SC Regulation 61-62.5, Standard No. 5.1, Lowest Achievable Emission Rate Applicability to Volatile Organic Compounds.</p>

Fibertech Columns, Inc.**TV-0200-0095****Page 20 of 21**

(permit updated 10/27/2005)

Condition Number	Conditions
6.B.5	<p>The owner/operator shall maintain usage records and any other records necessary to determine facility wide styrene emissions. Styrene emissions shall be calculated on a daily basis. The daily emission rate shall not exceed 480 pounds of Styrene. The owner/operator shall maintain all records for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Semi-annual reports including material usage, styrene content and styrene emissions shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality postmarked no later than 30 calendar days after the end of the reporting period. An algorithm, including example calculations and emission factors, explaining the method used to determine styrene emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p> <p>This is to comply with SC Regulation 61-62.5, Standard 8</p>

PART 7.0 ADDITIONAL CONDITIONS**A. SPECIFIC CONDITIONS**

Condition Number	Conditions
7.A.1	No Specific Conditions at this time.

B. OPERATIONAL FLEXIBILITY [SC Regulation 61-62.70.7(e)(5)]

Condition Number	Conditions
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Fibertech Columns, Inc.**TV-0200-0095****Page 21 of 21**

(permit updated 10/27/2005)

Condition Number	Conditions
7.B.1	<p>Operational Flexibility for Resin Chopper Guns (Unit ID 01) and Gelcoat Spray Gun (Unit ID 02): The following activity "A" shall be allowed without a construction permit, or without revising or reopening the operating permit with proper advanced notification unless otherwise specified by S.C. Regulation 61-62.70 or any other State or Federal requirement provided that: (1) this activity will not cause the facility to be subject to any additional regulations. The facility will continue to meet the 480 lbs/day; 99 TPY emission limits that are in effect for the affected sources and the facility. Fibertech Columns, Inc. must also continue to demonstrate compliance with 40 CFR 63, Subparts A and WWWW with the replacement of Unit IDs 01 and 02 and (2.) for calculating emissions from any replaced gun, Fibertech Columns, Inc. must use the correct Unified Emission Factors (UEFs) corresponding to the type of equipment in use. These UEFs shall be included in the facility's semi-annual VOC/HAP reports.</p> <p>A. Replacement, in whole or in part, Resin Chopper Guns (maximum capacity 8 lbs/min, each) or Gelcoat Spray Gun (maximum capacity 2 lbs/min) listed in Part 5.0(A) and (C) with equipment identical in capacity and characteristics or with equipment that will have the same or lower emissions provided none of the emission limits established for Unit IDs 01 and 02 are changed.</p> <p>As part of this permit flexibility procedure, the facility shall keep an on-site implementation log (OSIL) to document all changes made under the procedure. The OSIL shall provide detailed contemporaneous information supporting the changes made under this procedure. The OSIL shall be readily available to the Bureau.</p> <p>The permittee shall comply with the requirements of permit conditions 7.B.2, 7B.3, and & 7.B.4. All required information shall be kept in the On-Site Implementation Log (OSIL).</p>
7.B.2	<p>The permittee shall provide the following information along with its semiannual VOC/HAP reports.</p> <ol style="list-style-type: none">1. The date of equipment replacement and if equipment replacement is due to malfunction, the date and time of equipment malfunction requiring equipment replacement2. Identification as to which permitted equipment is being replaced, in whole or in part, including operating permit ID and equipment ID3. Capacity of each gun that has been replaced and of each replacement gun where the capacity of each replacement gun is less than or equal to each gun being replaced4. Transfer efficiency of each gun that has been replaced and of each replacement gun.
7.B.3	<p>The owner/operator must cease implementation of any modification(s) if it is found to be inconsistent with the permit flexibility conditions, and may also be subject to possible enforcement action(s) if any emissions limitation is exceeded as a result of such activity. The permittee assumes the risk of any financial loss resulting from implementing the modification(s). Implementation of the modification(s) may be resumed upon receipt of written approval from the Bureau of Air Quality.</p>
7.B.4	<p>The requested operational flexibility does not allow the facility to alter or add to the permitted sources of contaminants permitted under Title V operating permit Unit IDs 01 and 02. The facility shall continue to operate under two (2) Resin Chopper Guns and one (1) Gelcoat Spray Gun as currently permitted to demonstrate compliance. To alter or add to the permitted sources of contaminants (Unit IDs 01 and 02), the facility shall comply with South Carolina Regulation 61-62.1, Section II(A).</p>

C. COMPLIANCE SCHEDULE [SC Regulation 61-62.70.5(c)(8)]

Not applicable at this time.

D. PERMIT SHIELD [SC Regulation 61-62.70.6(f)] (Revised 11/13/98)

Fibertech Columns, Inc.

TV-0200-0095

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(permit updated 10/27/2005)

A copy of the "applicability determination" Fibertech Corporation submitted with its Part 70 permit application is included as Attachment C. Compliance with the terms and conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permittee shall also be shielded from any non-applicable requirements as agreed upon by the Department as specified in Attachment C with the exception of the following.

SC Regulation 61-62.5, Standard 7 - This source cannot be shielded from this regulation.

Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (SC Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (SC Regulation 61-62.70.7(e)(3)), or operational flexibility (SC Regulation 61-62.70.7(e)(5)), except as specified in SC Regulation 61-62.70.7(e)(5)(iii).

ATTACHMENT A

Modeled Emission Rates

Fibertech Columns, Inc.

TV-0200-0095

PAGE 1 OF 2

AIR TOXICS - LEVEL I DE MINIMIS ANALYSIS			
POLLUTANT	CAS NUMBER	EMISSION RATE (LBS/DAY)	DE MINIMIS (LBS/DAY)
Ethylbenzene	100-41-4	16.08	52.200
Methyl Ethyl Ketone	78-93-3	48.00	177.000
Methyl Methacrylate	80-62-6	1.44	123.000
Toluene	108-88-3	13.68	24.000
Xylene	1330-20-7	32.256	52.200

NAAQS EMISSION RATES					
SOURCE IDENTIFICATION	TSP (LBS/HR)	PM ₁₀ (LBS/HR)	SO ₂ (LBS/HR)	NO ₂ (LBS/HR)	CO (LBS/HR)
BLR - Boiler	0.0407	0.0407	0.0032	0.546	0.459
GBF - Gelcoat Spray Guns (Fan #2)	0.213	0.213	--	--	--
PBF - Paint Booth	0.055	0.055	--	--	--
FACILITY TOTAL	0.3087	0.3087	0.0032	0.546	0.459

PSD CLASS II INCREMENT EMISSION RATES			
SOURCE IDENTIFICATION	PM ₁₀ (LBS/HR)	SO ₂ (LBS/HR)	NO ₂ (LBS/HR)
PBF - Paint Booth	0.055	--	--
FACILITY TOTAL	0.055	--	--

AIR TOXIC EMISSION RATES				
SOURCE IDENTIFICATION	Ethylbenzene (LBS/HR)	Ethylene Glycol (LBS/HR)	Formaldehyde (LBS/HR)	Hexamethylene-1,6-diisocyanate (LBS/HR)
CBF - Resin Chopper Guns (Fan #1)	--	--	--	--
PBF - Paint Booth	0.67	0.63	0.32	0.002
FACILITY TOTAL	0.67	0.63	0.32	0.002

ATTACHMENT A

Modeled Emission Rates

Fibertech Columns, Inc.

TV-0200-0095

PAGE 2 OF 2

AIR TOXIC EMISSION RATES					
SOURCE IDENTIFICATION	Methyl Ethyl Ketone (LBS/HR)	Methyl Methacrylate (LBS/HR)	Styrene (LBS/HR)	Toluene (LBS/HR)	Xylene (LBS/HR)
CBF – Resin Chopper Guns (Fan #1)	1.0	0.06	20.0*	0.44	0.004
PBF – Paint Booth	1.0	--	--	0.13	1.34
FACILITY TOTAL	2.0	0.06	20.0	0.57	1.344

*Facility is limited to 480 lbs/day of styrene emissions.

ATTACHMENT B

Insignificant Activities

Fibertech Columns, Inc.

TV-0200-0095

PAGE 1 OF 1

The following table contains a list of activities which are considered insignificant pursuant to SC Regulation 61-62.70.5(c). Sources listed below are not exempt from any otherwise applicable state or federal requirements including, but not limited to, opacity standards, ambient air quality standards, and air toxic standards.

Equip ID	Source Description	Basis
A	5.46 million BTU/hr natural gas fired boiler (September 22, 1998)	< 5 tpy of criteria pollutants
B	Miscellaneous Tools (September 22, 1998)	< 5 tpy of criteria pollutants, < 1000 lb/yr HAPs
C	Gelcoat Paint Spray Gun (September 22, 1998)	< 5 tpy of criteria pollutants, < 1000 lb/yr HAPs

ATTACHMENT C

Applicable and Non-Applicable Federal and State Regulations

Fibertech Columns, Inc.

TV-0200-0095

PAGE 1 OF 2

The following contains the Federal and South Carolina air pollution regulations, which were specified in the Part 70 permit application and determined as applicable and non-applicable by the Department as of the date of this permit issuance. This attachment may be revised by the Department in the event of a change in the nature or emission of pollutants at the source or promulgation of new or revised regulations.

VIA CERTIFIED MAIL
7001 2510 0008 6159 2168

August 9, 2004

Fibertech Corporation
P.O. Box 8
Pendleton, SC 29670

ATTENTION: Mr. John F. Wilson

Dear Mr. Wilson:

Enclosed with this letter is your Part 70 Air Quality (Title V Operating) Permit No. TV-0200-0095 that will become effective on October 1, 2004. Please note the conditions and limitations imposed. This permit will be valid through September 30, 2009, unless otherwise provided for by SC Regulation 61-62.70.7(c)(1)(ii).

Please examine this new permit carefully for errors or omissions and notify the appropriate staff member, Matt Gibbs, (803-898-3288) or e-mail at (gibbsml@dhec.sc.gov) promptly if any are discovered.

Sincerely,

Carl W. Richardson, P.E., Director
Engineering Services Division
Bureau of Air Quality

CWR:MLG:kal

Enclosure

cc: Rick Caldwell, Appalachia I EQC District Office
Scott Miller, EPA Region IV (via e-mail)
TV-0200-0095

September 27, 2005

Fibertech Corporation
P.O. Box 8
Pendleton, SC 29670

ATTENTION: Mr. John F. Wilson

Dear Mr. Wilson:

On February 25, 2005, the South Carolina Department of Health and Environmental Control, Bureau of Air Quality (Department) revised R.61-62.1, *Definitions And General Requirements, Section III - Emissions Inventory* to be consistent with the Consolidated Emissions Reporting Rule (CERR) published in the *Federal Register* on June 10, 2002 (67 FR 39602).

As the result of this revised regulation the Department is administratively amending the permit condition as it appears in your existing Part 70 operating permit regarding the submission of emission inventory reports.

This permit condition is replaced with the following:

“The owners or operators of Part 70 sources shall complete and submit emissions inventories as required consistent with the schedule approved pursuant to SC Regulation 61-62.1, Section III. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.”

Enclosed are pages 2 and 16 of the Part 70 Operating Permit No. TV-0200-0095 which will replace pages 2 and 16 of the Part 70 operating permit previously issued August 9, 2004 to reflect this administrative change.

Please do not hesitate to contact the appropriate staff member, Matt Gibbs, at (803-898-3288) or e-mail at (gibbsml@dhec.sc.gov) promptly if you need any further assistance or clarification.

Sincerely,

Terry L. Davenport, Section Manager
Permit Evaluation Section
Engineering Services Division
Bureau of Air Quality

TLD:MLG:pe

Enclosure

cc: Jeff Garrison, Region 1, Anderson EQC Office
Scott Miller, EPA Region IV (via e-mail)
Title V Permit File: 0600-0005

October 27, 2005

Fibertech Columns, Inc.
P.O. Box 865
Central, SC 29630

ATTENTION: Mr. John F. Wilson

Dear Mr. Wilson:

The operation of your facility has been evaluated by our technical staff. Enclosed is Title V Operating Permit No. TV-0200-0095. Please note the conditions and limitations imposed. This permit is being issued to incorporate changes or revisions into your existing operating permit. It will have the same expiration date as your previous operating permit and supersedes any previous operating permit that was issued to your company.

Please examine this new permit carefully for errors or omissions and notify the appropriate staff member, Matt Gibbs, (803-898-3288) or e-mail at (gibbsml@dhec.sc.gov) promptly if any are discovered.

Sincerely,

Carl W. Richardson, P.E., Director
Engineering Services Division
Bureau of Air Quality

CWR:MLG:kal

Enclosure

cc: Jeff Garrison, Region 1, Anderson EQC Office
Title V File: 0200-0095

[CURRENT DATE]

Fibertech Columns, Inc.
P.O. Box 865
Central, SC 29630

ATTENTION: Mr. John F. Wilson

Dear Mr. Wilson:

The operation of your facility has been evaluated by our technical staff. Enclosed is Title V Operating Permit No. TV-0200-0095. Please note the conditions and limitations imposed. This permit is being issued to incorporate operational flexibility to cover replacement in whole or in part of Unit IDs 01 and 02 into your existing operating permit. It will have the same expiration date as your previous operating permit and supersedes any previous operating permit that was issued to your company.

Please examine this new permit carefully for errors or omissions and notify the appropriate staff member, Tracey Stewart, (803-898-4477) or e-mail at (stewart@dhec.sc.gov) promptly if any are discovered.

Sincerely,

Carl W. Richardson, P.E., Director
Engineering Services Division
Bureau of Air Quality

CWR:TS:[TYPIST'S INITIALS]

Enclosure

cc: Jeff Garrison, Region 1, Anderson EQC Office
Permit File TV-0200-0095
Main File TV-0200-0095



ENGINEERING CALCULATION SHEET

BAQ Engineering Services Division

2600 Bull Street, Columbia, S.C. 29201
Phone: 803-898-4123 Fax: 803-898-4079

PROJECT/PROPOSAL NAME: Fibertech Columns, Inc.
LOCATION (STREET, CITY): 250 South Depot Street, Pendleton
PERMIT NUMBER: TV-0200-0095
SIC/NAIC CODE(S): 3089/326199

ENGINEER ASSOCIATE: Tracey Stewart

DATE: June 26, 2006

Page 1 of 2

FACILITY DESCRIPTION

This facility produces aesthetically designed architectural fiberglass products. Gel-coating resin is sprayed into a mold. Next, raw materials of fiberglass and resin are applied. After curing, the hardened material is separated from the mold.

TYPE OF EXISTING PERMIT (Check Which Applies)		ISSUE AND EXPIRATION DATE OF EXISTING PERMIT	
Conditional Major Permit		Issue Date Of Existing Permit	August 9, 2004
Part 70 (TV) Permit	X		
General Conditional Major Permit		Expiration Date of Existing Permit	September 30, 2009
State (Minor) Operating Permit			

DATES OF REQUEST FOR OPERATING PERMIT CHANGES AND/OR INCORPORATION

April 19, 2006	April 20, 2006	Operational flexibility for Title V incorporated as a minor modification	3
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DESCRIPTION OF CHANGES AND/OR PERMITTING PROJECTS TO BE INCORPORATED INTO EXISTING OPERATING PERMIT

List Change or Permitting Project (e.g., Change: Name Change; Permitting Project: CP #, or Letter of Approval (e.g., Exemption Letter))	Request Date	Description Of Change or Permitting Project
Operational Flexibility for Part 7 of current Title V operating permit	4/19/06	Part 7.0(E) will be updated to reflect the facility's requested operating scenarios for operational flexibility.

Fibertech Columns, Inc. is requesting operational flexibility to change out any Gelcoat Spray Guns and/or any Resin Chopper Gun (Unit ID 01 and 02, respectively) in whole or in part, as needed to maintain facility productivity. The facility is requesting that this flexibility be allowed so that it will not have to notify the Bureau whenever said equipment becomes non-functional so that the facility's production will not be interrupted, thus causing Fibertech Columns, Inc. a financial burden. Per the April 19, 2006 submittal, the facility will not increase current emissions with the replacement, as necessary, of the Gelcoat Spray Guns and/or any Resin Chopper Gun. Also, the requested operational flexibility will not trigger applicability to any new state or federal regulations. Fibertech Columns, Inc. will continue to meet the 480 lbs/day and 99 TPY emission limitations for styrene and VOC emissions.

DESCRIPTION OF CHANGES THAT WERE OR WILL BE MADE TO THE EXISTING OPERATING PERMIT

The following is proposed language submitted by Fibertech Columns, Inc. for the requested operational flexibility:

1. The permitted facility is authorized to replace, in whole or in part, any Gelcoat Spray Gun or any Resin Chopper Gun listed in Part 5.0(A) and (C), provided any change does not cause an increase in allowable emissions under this permit. For this operation flexibility, no notifications are required.
2. This change will not cause the facility to be subject to any additional regulations. This facility will continue to meet the 480 lbs/day; 99 TPY emission limits that are in effect.

To ensure that required emission calculations for the affected sources are calculated correctly, the Bureau is including language from March 23, 2006 exemption request for this same change:

For calculating emissions from any replaced gun, Fibertech Columns, Inc. must use the correct Unified Emission Factors (UEFs) corresponding to the type of equipment in use. These UEFs shall be included in the facility's semi-annual VOC/HAP reports.

POTENTIAL EMISSIONS

Per facility submittal, emissions will not increase with the proposed replacements. If this information is found to be in error or is superceded, a new review



2600 Bull Street, Columbia, S.C. 29201
Phone: 803-898-4123 Fax: 803-898-4079

ENGINEERING CALCULATION SHEET

BAQ Engineering Services Division

PROJECT/PROPOSAL NAME:	Fibertech Columns, Inc.	ENGINEER ASSOCIATE:	Tracey Stewart
LOCATION (STREET, CITY):	250 South Depot Street, Pendleton	DATE:	June 26, 2006
PERMIT NUMBER:	TV-0200-0095	Page 2 of	2
SIC/NAIC CODE(S):	3089/326199		

shall be required.

DESCRIPTION OF APPLICABLE REQUIREMENT FOR NEW EMISSION UNIT/EQUIPMENT *(List only the applicable requirements that apply.)*
The replacement guns shall still be operated under specified emission limitations established for Unit IDs 01 and 02.

DESCRIPTION OF THE MONITORING AND REPORTING REQUIREMENTS FOR THE NEW EMISSION UNIT/EQUIPMENT *(List only the compliance monitoring that apply.)*

The facility shall continue to comply with required monitoring for Unit IDs 01 and 02 as the Gelcoat Spray Gun and Resin Chopper Guns are replaced as necessary.

ADDITIONAL CONDITIONS

The Bureau is adding the following conditions to Part 70(B) to ensure compliance with SC Regulation 61-62.1, Section II(A):

The permittee shall provide the following information along with its semi-annual OCMRP report:

1. The date of equipment replacement and if equipment replacement is due to malfunction, the date and time of equipment malfunction requiring equipment replacement
2. Identification as to which permitted equipment is being replaced, in whole or in part, including operating permit ID and equipment ID
3. Capacity of each gun that has been replaced and of each replacement gun where the capacity of each replacement gun is less than or equal to each gun being replaced
4. Transfer efficiency of each gun that has been replaced and of each replacement gun.

The requested operational flexibility does not allow the facility to alter or add to the permitted sources of contaminants permitted under Title V operating permit Unit IDs 01 and 02. The facility shall continue to operate under two (2) Resin Chopper Guns and one (1) Gelcoat Spray Gun as currently permitted to demonstrate compliance. To alter or add to the permitted sources of contaminants (Unit IDs 01 and 02), the facility shall comply with South Carolina Regulation 61-62.1, Section II(A).

SUMMARY AND CONCLUSIONS

It has been determined that this source, if operated in accordance with the submitted application, will meet all applicable requirements and emission standards.